

AMENDMENTS

IN THE CLAIMS

Claims 1-2 (canceled)

Claim 3 (Currently amended):

E_i
A foam block concrete form comprising:

a pair of opposing foam panels spaced parallel from each other, each panel having at least one substantially planar rectangular segment having a horizontal pair[s] of opposing longitudinal edges and a vertical pair of longitudinal edges;

engaging means formed along ^{which are} the pair[s] of longitudinal edges for removably retaining longitudinal edges having similar and complimentary engaging means formed therealong when adjacent thereto, so the foam panels can be inverted [in a side-to-side fashion or an end-to-end fashion] in any manner and the engaging means [still retaining the longitudinal edges having similar engaging means] are still capable of retaining any other longitudinal edge with a similar engaging means; and

a plurality of substantially planar ties positioned transverse to and between the pair of opposing foam panels, each tie including a web portion separating a pair of opposed flange members encapsulated within respective opposing foam panels along a respective lateral panel axis.

Claim 4 (Original):

The apparatus claim of 3 wherein the engaging means include an array of alternating teeth and sockets having substantially equal lateral dimensions.

Claim 5 (Original):

The apparatus of claim 3 wherein the opposing foam panels include first engaging means formed along a first pair of opposing edges and second engaging means formed along a second pair of opposing edges.

Claim 6 (Original):

8
1
The apparatus of claim 5 wherein the first engaging means include a first array of alternating teeth and sockets having substantially equal lateral dimensions, and the second engaging means include a second array of alternating teeth and sockets having substantially equal lateral dimensions.

Claim 7 (Original):

The apparatus of claim 3 wherein each opposing foam panel includes two substantially planar rectangular segments in angular relation to each other, each segment having at least one pair of opposing edges.

Claim 8 (Original):

The apparatus of claim 3 wherein each opposing flange member is substantially planar and of sufficient strength to function as an anchoring stud.

Claim 9 (Original):

The apparatus of claim 8 wherein each opposing flange member can be functionally encased within a respective opposing foam panel.

Claim 10 (Original):

The apparatus of claim 9 wherein the opposing foam panels have a longitudinal axis and the opposing flange members have a longitudinal axis substantially equal in length to the transverse axis of the respective foam panel.

Claim 11 (Original):

The apparatus of claim 3 wherein the web portion includes a pair of bridge members formed therein spaced parallel from each other and transverse to the opposing flange members.

Claim 12 (Original):

The apparatus of claim 11 wherein each bridge member includes at least one rebar-retaining seat positioned therealong extending outwardly therefrom.

Claim 13 (Original):

3, 1 The apparatus of claim 12 wherein each bridge member includes at least one rebar-retaining seat positioned therealong extending inwardly therefrom.

Claim 14 (Original):

The apparatus of claim 13 wherein the rebar-retaining seats are sufficiently large to retainably receive a plurality of rebar rods therewithin.

Claim 15 (Original):

The apparatus of claim 11 wherein the opposing bridge members, in conjunction with each other, provide uniformly distributed structural support about the central lateral axis of the tie.

Claim 16 (Original):

The apparatus of claim 15 wherein the opposing bridge members individually provide uniformly distributed structural support about their respective longitudinal axis when the tie is laterally cut in half.

~~Claims 17-38~~ (Canceled)

Claim 39 (Currently amended):

A foam block concrete form comprising:

3
a pair of opposing foam panels spaced apart in a substantially parallel relationship, each panel including pairs of opposing perimeter edges;
a plurality of ties extending between and connecting the foam panels;
a plurality of teeth positioned along each of the perimeter edges; and
a plurality of sockets defined by the teeth, forming a configuration of substantially similar teeth and sockets along each perimeter edge, operable to permit the foam block to be connected to a perimeter edge of a substantially similar foam block with a substantially identical configuration of teeth and sockets along any [at least one] perimeter edge.

~~Claim 40~~ (Canceled)

Claim 41 (Original):

The form according to claim 39 wherein the teeth are substantially uniform, the sockets are substantially uniform, and the configuration of teeth and sockets comprise two rows of teeth with each tooth being spaced apart from adjacent teeth of the same row by a socket.

Claim 42 (Original):

The form according to claim 39 wherein the teeth are substantially uniform, the sockets are substantially uniform, and the configuration of teeth and sockets comprises two rows of teeth with each tooth being spaced apart from adjacent teeth of the same row by a socket, and the rows are offset from each other by a distance of one side of one tooth.

~~Claims 43-46~~ (Withdrawn)
